

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

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Claims 1 – 66 (canceled).

Claim 67 (new): A fuel additive for fuel comprising:
an iron-containing organometallic compound comprising less than approximately
0.005 parts by weight of said organometallic compound in said fuel additive;
said fuel additive to be added to the fuel at a level of 1 part per volume of said
additive to at least 5,000 parts per volume of the fuel.

Claim 68 (new): The fuel additive of claim 67 further comprising a fuel stabilizer.

Claim 69 (new): The fuel additive of claim 68 wherein said fuel stabilizer comprises a high
molecular weight amine.

Claim 70 (new): The fuel additive of claim 69 wherein said high molecular weight amine
comprises at least twelve carbon atoms.

Claim 71 (new): The fuel additive of claim 70 said high molecular weight amine comprises
between twelve and fourteen carbon atoms.

Claim 72 (new): The fuel additive of claim 70 wherein said high molecular weight amine
comprises more than fourteen carbon atoms.

Claim 73 (new): The fuel additive of claim 69 wherein said high molecular weight amine
comprises Primene® RB-3.

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Claim 74 (new): The fuel additive of claim 68 wherein said fuel stabilizer comprises between approximately 0.05 and approximately 0.5 parts by weight, said fuel additive having a total part by weight of 1.

Claim 75 (new): The fuel additive of claim 74 wherein said fuel stabilizer comprises between approximately 0.2 and approximately 0.5 parts by weight.

Claim 76 (new): The fuel additive of claim 67 further comprising an organometallic compound selected from the group consisting of Mn, Pt, Ce, and mixtures thereof.

Claim 77 (new): The fuel additive of claim 67 wherein said organometallic compound comprises dicyclopentadienyl iron.

Claim 78 (new): The fuel additive of claim 77 wherein said organometallic compound comprises homologues of dicyclopentadienyl iron.

Claim 79 (new): The fuel additive of claim 67 additionally comprising a high flash solvent.

Claim 80 (new): The fuel additive of claim 79 wherein said solvent comprises naphtha.

Claim 81 (new): The fuel additive of claim 80 wherein said naphtha comprises Conosolve® C-145.

Claim 82 (new): The fuel additive of claim 79 wherein said high flash solvent comprises between approximately 0.1 and approximately 0.6 parts by weight.

Claim 83 (new): The fuel additive of claim 82 wherein said high flash solvent comprises between approximately 0.2 and approximately 0.4 parts by weight.

Claim 84 (new): The fuel additive of claim 67 additionally comprising a lubricant.

Claim 85 (new): The fuel additive of claim 84 wherein said lubricant comprises a mineral oil.

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Claim 86 (new): The fuel additive of claim 85 wherein said mineral oil is naphthenic.

Claim 87 (new): The fuel additive of claim 84 wherein said lubricant comprises a synthetic oil.

Claim 88 (new): The fuel additive of claim 87 wherein said synthetic oil comprises a petroleum derivative.

Claim 89 (new): The fuel additive of claim 84 wherein said lubricant comprises a low viscosity.

Claim 90 (new): The fuel additive of claim 89 wherein said viscosity is approximately 20 weight or less.

Claim 91 (new): The fuel additive of claim 84 wherein said lubricant comprises between approximately 0.01 and approximately 0.25 parts by weight.

Claim 92 (new): The fuel additive of claim 91 wherein said lubricant comprises between approximately 0.05 and approximately 0.1 parts by weight.

Claim 93 (new): The fuel additive of claim 67 additionally comprising a biocide.

Claim 94 (new): The fuel additive of claim 93 wherein said biocide comprises a triazine.

Claim 95 (new): The fuel additive of claim 94 wherein said triazine comprises Vancide®.

Claim 96 (new): The fuel additive of claim 93 wherein said biocide comprises up to approximately 0.02 parts by weight.

Claim 97 (new): The fuel additive of claim 96 wherein said biocide comprises between approximately 0.0005 and approximately 0.0015 parts by weight.

Claim 98 (new): The fuel additive of claim 67 additionally comprising a metal deactivator.

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Claim 99 (new): The fuel additive of claim 98 wherein said metal deactivator is a polyamine.

Claim 100 (new): The fuel additive of claim 99 wherein said metal deactivator is a diamine.

Claim 101 (new): The fuel additive of claim 100 wherein said diamine comprises at least one amine selected from the group consisting of propane diamine and ethylene diamine.

Claim 102 (new): The fuel additive of claim 98 wherein said metal deactivator comprises up to approximately 0.2 parts by weight.

Claim 103 (new): The fuel additive of claim 102 wherein said metal deactivator comprises between approximately 0.05 and approximately 0.15 parts by weight.

Claim 104 (new): The fuel additive of claim 79 additionally comprising a biocide.

Claim 105 (new): The fuel additive of claim 79 additionally comprising a metal deactivator.

Claim 106 (new): The fuel additive of claim 84 additionally comprising a biocide.

Claim 107 (new): The fuel additive of claim 84 additionally comprising a metal deactivator.

Claim 108 (new): The fuel additive of claim 93 additionally comprising a metal deactivator.

Claim 109 (new): The fuel additive of claim 84 additionally comprising a high flash solvent.

Claim 110 (new): The fuel additive of claim 109 additionally comprising a biocide.

Claim 111 (new): The fuel additive of claim 109 additionally comprising a metal deactivator.

Claim 112 (new): The fuel additive of claim 106 additionally comprising a metal deactivator.

Claim 113 (new): The fuel additive of claim 108 additionally comprising a high flash solvent.

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Cont.
Claim 114 (new): The fuel additive of claim 67 additionally comprising a high flash solvent, a lubricant, a biocide, and a metal deactivator.

Claim 115 (new): The fuel additive of claim 67 further comprising a dispersant.

Claim 116 (new): The fuel additive of claim 115 additionally comprising a high flash solvent.

Claim 117 (new): The fuel additive of claim 115 additionally comprising a biocide.

Claim 118 (new): The fuel additive of claim 115 additionally comprising a metal deactivator.

Claim 119 (new): The fuel additive of claim 115 additionally comprising a high flash solvent and a lubricant.

Claim 120 (new): The fuel additive of claim 115 additionally comprising a high flash solvent and a biocide.

Claim 121 (new): The fuel additive of claim 115 additionally comprising a high flash solvent and a metal deactivator.

Claim 122 (new): The fuel additive of claim 115 additionally comprising a lubricant and a biocide.

Claim 123 (new): The fuel additive of claim 115 additionally comprising a lubricant and a metal deactivator.

Claim 124 (new): The fuel additive of claim 115 additionally comprising a biocide and a metal deactivator.

Claim 125 (new): The fuel additive of claim 119 additionally comprising a metal deactivator.

Claim 126 (new): The fuel additive of claim 122 additionally comprising a metal deactivator.

Claim 127 (new): The fuel additive of claim 124 additionally comprising a high flash solvent.

Claim 128 (new): The fuel additive of claim 115 additionally comprising a high flash solvent, a lubricant, a biocide, and a metal deactivator.

Claim 129 (new): The fuel additive of claim 115 additionally comprising a lubricant.

Claim 130 (new): The fuel additive of claim 122 additionally comprising a high flash solvent.

Claim 131 (new): The fuel additive of claim 79 further comprising a fuel stabilizer.

Claim 132 (new): The fuel additive of claim 84 further comprising a fuel stabilizer.

Claim 133 (new): The fuel additive of claim 93 further comprising a fuel stabilizer.

Claim 134 (new): The fuel additive of claim 98 further comprising a fuel stabilizer.

Claim 135 (new): The fuel additive of claim 115 further comprising a fuel stabilizer.

Claim 136 (new): The fuel additive of claim 109 further comprising a fuel stabilizer.

Claim 137 (new): The fuel additive of claim 104 further comprising a fuel stabilizer.

Claim 138 (new): The fuel additive of claim 105 further comprising a fuel stabilizer.

Claim 139 (new): The fuel additive of claim 106 further comprising a fuel stabilizer.

Claim 140 (new): The fuel additive of claim 107 further comprising a fuel stabilizer.

Claim 141 (new): The fuel additive of claim 108 additionally comprising a fuel stabilizer.

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cont.

Claim 142 (new): The fuel additive of claim 110 additionally comprising a fuel stabilizer.

Claim 143 (new): The fuel additive of claim 111 additionally comprising a fuel stabilizer.

Claim 144 (new): The fuel additive of claim 112 additionally comprising a fuel stabilizer.

Claim 145 (new): The fuel additive of claim 113 additionally comprising a fuel stabilizer.

Claim 146 (new): The fuel additive of claim 114 additionally comprising a fuel stabilizer.

Claim 147 (new): The fuel additive of claim 116 additionally comprising a fuel stabilizer.

Claim 148 (new): The fuel additive of claim 117 additionally comprising a fuel stabilizer.

Claim 149 (new): The fuel additive of claim 118 additionally comprising a fuel stabilizer.

Claim 150 (new): The fuel additive of claim 119 additionally comprising a fuel stabilizer.

Claim 151 (new): The fuel additive of claim 120 additionally comprising a fuel stabilizer.

Claim 152 (new): The fuel additive of claim 121 additionally comprising a fuel stabilizer.

Claim 153 (new): The fuel additive of claim 122 additionally comprising a fuel stabilizer.

Claim 154 (new): The fuel additive of claim 123 additionally comprising a fuel stabilizer.

Claim 155 (new): The fuel additive of claim 124 additionally comprising a fuel stabilizer.

Claim 156 (new): The fuel additive of claim 125 additionally comprising a fuel stabilizer.

Claim 157 (new): The fuel additive of claim 126 additionally comprising a fuel stabilizer.

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Claim 158 (new): The fuel additive of claim 127 additionally comprising a fuel stabilizer.

Claim 159 (new): The fuel additive of claim 128 additionally comprising a fuel stabilizer.

Claim 160 (new): The fuel additive of claim 129 additionally comprising a fuel stabilizer.

Claim 161 (new): The fuel additive of claim 130 additionally comprising a fuel stabilizer.

Claim 162 (new): A fuel additive for fuel comprising:

a non-platinum organometallic compound comprising between less than approximately 0.005 parts by weight of said organometallic compound in said fuel additive;

said fuel additive to be added to the fuel at a level of 1 part by volume of said additive to at least 5,000 parts per volume of the fuel.

Claim 163 (new): The fuel additive of claim 162 further comprising a fuel stabilizer.

Claim 164 (new): The fuel additive of claim 162 wherein said organometallic compound comprises at least one compound selected from the group consisting of Fe, Mn, Ce and mixtures, thereof.

Claim 165 (new): The fuel additive of claim 164 further comprising an additional organometallic compound comprising a platinum organometallic compound.

Claim 166 (new): The fuel additive of claim 162 further comprising a high flash solvent.

Claim 167 (new): The fuel additive of claim 162 further comprising a lubricant.

Claim 168 (new): The fuel additive of claim 162 further comprising a biocide.

Claim 169 (new): The fuel additive of claim 162 further comprising a metal deactivator.

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Claim 170 (new): The fuel additive of claim 162 further comprising a dispersant.
